

C. Frank Herscher, III
Secretary



Site:	A.L. Taylor
Break:	2.4
Other:	

Julian M. Carroll
Governor

COMMONWEALTH OF KENTUCKY
DEPARTMENT FOR NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION
BUREAU OF ENVIRONMENTAL PROTECTION
DIVISION OF SANITARY ENGINEERING
CENTURY PLAZA
1065 U.S. 127 BYPASS SOUTH
FRANKFORT, KENTUCKY 40601

M E M O R A N D U M

October 5, 1979

TO: Nick G. Johnson, Director *NJS*
Division of Sanitary Engineering

THROUGH: George J. Schureck, Jr. *GJS*
Manager, Field Engineering Branch

FROM: Roger W. Conn
District Engineer

SUBJECT: Valley of the Drums Cleanup Plan - Phase I

I have the following comments on the outline of subject plan per the items that relate to the Division of Sanitary Engineering responsibility:

- Item 2.b.: Review any disposal strategies or techniques that are developed to insure that the disposal of these materials does not result in the contamination of any water supplies.
- Item 2.g.: Suggest that water supplies previously sampled by EPA be periodically, at either three month or six month intervals, sampled to determine if any new contamination of these supplies has occurred due to seepage from the disposal areas.
- Item 3.b.: Insure disposal strategy does not pose possible source of contamination to any additional water supplies.

GJS/RWC:oc



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STATION #	STATION NAME	FISH	WATER	SEDIMENT	VALVE #1	#2	#3
01	Wilson Ck. M.P. 2.8	Chlordane N.D. one sample PCB 0.26	Chlordane N.D. PCB N.D.	Chlordane N.D. PCB's - .13 mg/Kg 3.0 mg/Kg	composite minnows one sample		
02	Wilson Ck. M.P. 1.2	Chlordane N.D. N.D. N.D. PCB N.D. 0.27 0.48	Chlordane N.D. PCB N.D.	N.D. N.D.	Bullhead catfish	Bluegill green sunfish	Creek chubs
03	Northern Ditch M.P. 19.8	Chlordane 2.42 N.D. PCB N.D. 0.22	Chlordane N.D. PCB N.D.	No Data	composite sunfish Creek chub gambusia Warmouth minnows	composite sunfish - minnow Warmouth	
04	Southern Ditch M.P. 0.6 - 1.0	Chlordane 2.97 1.10 PCB N.D. 0.30	Chlordane N.D. PCB N.D.	Chlorodane - Trace <.1mg/kg PCB - Trace <.1mg/kg	composite 3 fatheads 1 bluegill	composite 9 sunfish & 2 minnows	
05	Pond Ck. M.P. 7.8	Chlordane 0.15 N.D. PCB N.D. 1.18	Chlordane N.D. PCB N.D.	Chlorodane - Trace <.1 mg/kg PCB - Trace <.1 mg/kg	2 bulheads catfish	composite emerald shiners	
06	Bee Lick M.P. 1.7	Chlordane N.D. 0.49 0.38 PCB 0.20 ND N.D.	Chlordane N.D. PCB N.D.	No Data	composite suckers	composite 105 chubs	composite sunfish

STATION #	STATION NAME	FISH	WATER	SEDIMENT	VALVE #1	#2	#3
07	Bee Lick Ck. M.P. 0.6 - 0.7	Chlordane N.D. 0.75 PCB 0.73 N.D.	Chlordane N.D. PCB N.D.	No Data	composite 9 suckers	composite 65 creek chubs	
08	Pond Ck. M.P. 1.5	Chlordane N.D. N.D. N.D. PCB 0.41 3.67 2.23	Chlordane N.D. PCB N.D.	Chlorodane - Trace <.1 mg/kg PCB - Trace <.1 mg/kg	fillets spoonbill	fillets	fillets buffalo